

ABSTRACT

An electrical, decentralized braking system includes at least four sensors for sensing the actuation of a brake actuating device; one braking module for each vehicle wheel, for 5 acquiring sensor data and for controlling braking of the wheel; at least one first communication device with which all braking modules are connected to one another for the exchange of data; an electrical connecting device by which each sensor is connected to at least one braking module; and at least one 10 further communication device for receiving and/or exchanging data between at least two braking modules of different sides of the vehicle.